

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 6    | ((peripheral adj (apparatus or device or component))near6 (priority or privilege))same (congest\$4 or collisi\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 09:15 |
| L2    | 494  | ((peripheral adj (apparatus or device or component))near6 (priority or privilege))                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 09:19 |
| L3    | 12   | I2 same (((back\$off or (back adj2 off)or wait or (transmission near2 delay))))                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 09:17 |
| L4    | 186  | I2 and (((back\$off or (back adj2 off)or wait or (transmission near2 delay))))                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 09:25 |
| L5    | 8    | I2 and (((back\$off or (back adj2 off))))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 09:20 |
| L6    | 494  | ((peripheral adj1 (apparatus or device or component))near6 (priority or privilege))                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 09:19 |
| L7    | 788  | ((peripheral adj1 (apparatus or device or component))with(priority or priorit\$4))                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 09:22 |
| L8    | 12   | I7 and (((back\$off or (back adj2 off))))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 09:20 |

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| L9  | 6   | ((peripheral adj1 (apparatus or device or component))with(back\$off or (back adj2 off))) and(priority or priorit\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 09:26 |
| L10 | 10  | ((peripheral adj1 (apparatus or device or component))same(back\$off or (back adj2 off))) and(priority or priorit\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 09:24 |
| L11 | 194 | ((peripheral adj1 (apparatus or device or component))with((back\$off or (back adj2 off)or wait or (transmission near2 delay)))) and(priority or priorit\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 09:26 |
| L12 | 12  | l11 and (congest\$4 or collision)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 09:27 |

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 0    | ((peripheral near2 (device or component or apparatus))with priority)same back\$off                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 11:32 |
| L2    | 7    | ((peripheral near2 (device or component or apparatus))with priority)and back\$off                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 10:40 |
| L3    | 47   | ((peripheral near2 (device or component or apparatus))same priority)and back\$off                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 11:33 |
| L4    | 20   | ("6606327" "5841778" "5963560" "6704302" "6359899" "36353" "4598285" "6522661" "5650997").<br>pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 11:13 |
| L5    | 8    | ("5699515" "5353287" "5784375" "5852723").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 11:25 |
| L6    | 20   | ("5822538" "5268899" "6522661" "6813260" "5838688" "6128310" "5600651" "6614799" "6205153").<br>pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 11:18 |
| L7    | 0    | I6 and ((peripheral near2 (device or component or apparatus))same priority)and back\$off            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 11:15 |
| L8    | 0    | I6 and ((peripheral near2 (device or component or apparatus))same priority)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/07 11:15 |

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| L9  | 9     | l6 and ( priority)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 11:26 |
| L10 | 45    | ("5822538" "5268899" "6522661"<br>"6813260" "5838688" "6128310"<br>"5600651" "6614799" "6205153").<br>uref.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 11:18 |
| L11 | 69    | ("5699515" "5353287" "5784375"<br>"5852723").uref.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 11:25 |
| L12 | 13    | l11 and ((provid\$4 or assign\$4 or<br>allocat\$4)near3 priority)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 11:27 |
| L13 | 89070 | "370"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 11:34 |
| L14 | 1     | l13 and (((peripheral near2<br>(device or component or<br>apparatus))same ((provid\$4 or<br>assign\$4 or allocat\$4)near3<br>priority))and back\$off) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 11:34 |
| L15 | 0     | "395"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 11:34 |
| L16 | 20643 | "398"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 12:34 |

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| L17 | 0     | I16 and (((peripheral near2 (device or component or apparatus))same ((provid\$4 or assign\$4 or allocat\$4)near3 priority)))and back\$off) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 11:35 |
| L18 | 0     | I16 and (((peripheral near2 (device or component or apparatus))same ((provid\$4 or assign\$4 or allocat\$4)near3 priority)))               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 12:34 |
| L19 | 23815 | "710"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 12:34 |
| L20 | 39649 | "709"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 12:34 |
| L21 | 151   | I19 and (((peripheral near2 (device or component or apparatus))same ((provid\$4 or assign\$4 or allocat\$4)near3 priority)))               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 12:34 |
| L22 | 13    | I20 and (((peripheral near2 (device or component or apparatus))same ((provid\$4 or assign\$4 or allocat\$4)near3 priority)))               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 12:39 |
| L23 | 3     | I21 and back\$off  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 12:36 |
| L24 | 0     | I22 and back\$off  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/07 12:36 |



Welcome United States Patent and Trademark Office

**Search Results**[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)[SUPPORT](#)

Results for "( ( peripheral device &lt;in&gt;metadata ) &lt;and&gt; ( priority&lt;in&gt;metadata ) )&lt;and&gt; (..."

Your search matched 0 documents.

e-mail printer friendly

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

## » Search Options

[View Session History](#)[New Search](#)

Modify Search

 ☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

## » Key

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

**No results were found.**

Please edit your search criteria and try again. Refer to the Help pages if you need assistance revising your search.

Indexed by  
[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© Copyright 2005 IEEE - All Rights Reserved



Welcome United States Patent and Trademark Office

[Author Search](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)[SUPPORT](#)**OPTION 1**

Quick Find an Author:

Enter a name to locate articles written by that author.

**No Authors found beginning with letter: lowe glen**

Example: Enter Lockett S to obtain a list of authors with the last name Lockett and the first initial S.

**OPTION 2**

Browse alphabetically

Select a letter from the list.

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Indexed by

[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© Copyright 2005 IEEE -- All Rights Reserved



Welcome United States Patent and Trademark Office

[Search Results](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)[SUPPORT](#)

Results for "(thorne l.&lt;in&gt;au)"

Your search matched 1 of 1242336 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

[e-mail](#) [print friendly](#)[» Search Options](#)[View Session History](#)[New Search](#)

Modify Search

(thorne l.&lt;in&gt;au)

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract[» Key](#)

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

**1. Electricity from coal and gas-a cost comparison**Sullivan, R.; Fowler, T.; Jones, H.; Thorne, L.;  
Power Engineering Journal [see also Power Engineer]  
Volume 7, Issue 6, Dec. 1993 Page(s):275 - 278[AbstractPlus](#) | Full Text: [PDF](#)(252 KB) IEEE JNL[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© Copyright 2005 IEEE -- All Rights Reserved

Indexed by  
 Inspec





USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: ☒ The ACM Digital Library ☐ The Guide

+title:peripher +title:device title:priority -title:back-off



THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
Terms used **peripher device priority back off**Found **5** of **164,603**

Sort results

by

relevance

Display

results

expanded form

[Save results to a Binder](#)[Search Tips](#)[Open results in a new window](#)[Try an Advanced Search](#)[Try this search in The ACM Guide](#)

Results 1 - 5 of 5

Relevance scale ☐ ☐ ☐ ☐ ☐**1** [Poster session 2: Energy estimation of peripheral devices in embedded systems](#)

Ozgur Celebican, Tajana Simunic Rosing, Vincent J. Mooney

April 2004 **Proceedings of the 14th ACM Great Lakes symposium on VLSI**

Full text available: pdf(188.18 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper introduces a methodology for estimation of energy consumption in peripherals such as audio and video devices. Peripherals can be responsible for significant amount of the energy consumption in current embedded systems. We introduce a cycle-accurate energy simulator and profiler capable of simulating peripheral devices. Our energy estimation tool for peripherals can be useful for hardware and software energy optimization of multimedia applications and device drivers. The simulator and ...

**Keywords:** audio, device drivers, energy estimation, software optimization**2** [Software: VRPN: a device-independent, network-transparent VR peripheral system](#)

Russell M. Taylor, Thomas C. Hudson, Adam Seeger, Hans Weber, Jeffrey Juliano, Aron T. Helser

November 2001 **Proceedings of the ACM symposium on Virtual reality software and technology**

Full text available: pdf(344.60 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The Virtual-Reality Peripheral Network (VRPN) system provides a device-independent and network-transparent interface to virtual-reality peripherals. VRPN's application of factoring by function and of layering in the context of devices produces an interface that is novel and powerful. VRPN also integrates a wide range of known advanced techniques into a publicly-available system. These techniques benefit both direct VRPN users and those who implement other applications that make use of VR periphe ...

**Keywords:** input devices, interactive graphics, library, peripherals, virtual environments, virtual worlds**3** [Ada and C interface issues in the development of peripheral device support libraries](#)

Sadhana Kapur

November 1995 **Proceedings of the conference on TRI-Ada '95: Ada's role in global markets: solutions for a changing complex world**

Full text available: pdf(451.20 KB)

Additional Information: [full citation](#), [references](#)**4** [Modeling and Integration of Peripheral Devices in Embedded Systems](#)

Shaojie Wang, Sharad Malik, Reinaldo A. Bergamaschi

March 2003 **Proceedings of the conference on Design, Automation and Test in Europe - Volume 1 DATE '03**

Full text available:  pdf(131.82 KB)



[Publisher Site](#)

Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This paper describes automation methods for device driver development in IP-based embedded systems in order to achieve high reliability, productivity, reusability and fast time to market. We formally specify device behaviors using event driven finite state machines, communication channels, declaratively described rules, constraints and synthesis patterns. A driver is synthesized from this specification for a virtual environment that is platform (processor, operating system and other hardware) in ...

5 Communication between computers and peripheral devices—an analogy

Richard R. Eckert

August 1990 **ACM SIGCSE Bulletin**, Volume 22 Issue 3

Full text available:  pdf(525.20 KB)

Additional Information: [full citation](#), [index terms](#)



Results 1 - 5 of 5

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:



[Adobe Acrobat](#)



[QuickTime](#)



[Windows Media Player](#)



[Real Player](#)



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



## Nothing Found

Your search for **+author:Lowe +author:Glen** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

## Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a **+** if a search term must appear on a page.

museum +art

- Exclude pages by using a **-** if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: ☒ The ACM Digital Library ☐ The Guide

THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
Terms used **thorne l**

Found 4 of 164,603

Sort results  
byDisplay  
results[Save results to a Binder](#)[Search Tips](#)☐ Open results in a new window[Try an Advanced Search](#)[Try this search in The ACM Guide](#)

Results 1 - 4 of 4

Relevance scale ☐ ☐ ☐ ☐ ☐**1 [Some arguments about legal arguments](#)**

L. Thorne McCarty

June 1997 **Proceedings of the 6th international conference on Artificial intelligence and law**Full text available: [pdf\(1.52 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**2 [An implementation of Eisner v. Macomber](#)**

L. Thorne McCarty

May 1995 **Proceedings of the 5th international conference on Artificial intelligence and law**Full text available: [pdf\(1.16 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**3 [Proceedings of the 5th international conference on Artificial intelligence and law](#)**

L. Thorne McCarty

May 1995 proceeding, ACM Press

Additional Information: [full citation](#), [index terms](#)**4 [On the role of prototypes in appellate legal argument \(abstract\)](#)**

L. Thorne McCarty

May 1991 **Proceedings of the 3rd international conference on Artificial intelligence and law**Full text available: [pdf\(567.22 KB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Results 1 - 4 of 4

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)
Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)